10th R.A Bill 1 month

Pb- 012-22-000004

M. A. R. 57 (Rule 116) **No. E** 689589 D-1

Measurement Book

Serial No. Annual Maintenance & Streetlights package D-1 in Kammagondanahalli Shivalinga Area ward no 12

Name of work ..... From 01-05-2023 To 31-05-2023

Name of Contractor of nature of Agency M.S CHIKKANNA & CHETHAN Electricals

Date of commencement of work... ~~EE/EL/02/Tend/WO/27/2022-23~~ EE/EL/02/Tend/WO/000001/2022-23 dt 04.04.2022 dt. 24/03/2023

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
1	Operation & Maintenance of Street lighting System including replacement of damaged/failed/fused/ot Lolypanels like lamps, Tubes, chokes, Ignitors, Capacitors, switches, wires, Holdy Starters and switching ON/OFF of Street lights at Specified timing and pole numbering, Preparing ward wise, Street wise data bank furnishing maintenance reports, everyday etc, Complete so as to ensure efficient burning of street lights detailed in reports everyday etc, complete so as to ensure effic - ient burning of Street lights detailed in tender documents for various type of Street lighting systems as detailed below 36/40w fluorescent tube light Street lighting System	20Nos	X B 57.12	X 1 month	=		1142.40

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST. EXECUTIVE ENGINEER (ELE)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Operation & maintenance of street lighting system including replacement of damaged/failed/fixed/out components like lamps, tubes, chokes, ignitors, capacitors, wiring wires, holders, starters, and switching ON/OFF of street lights at specified timing and pole numbering, Preparing ward wise data bank, furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below						
	1. 150 HPMV pole lighting system	22 nos	x 6	63.00	x 1 month =		1386.00
	2. Operation & maintenance of street lighting system including replacement of damaged/failed/fixed/out components like lamps, tubes, chokes, ignitors, capacitors, wiring						

Assistant Engineer (E&E)

ASST EXECUTIVE ENGINEER (EH)
Bruhath Bangalore Mahanagara Palike

M. A. R. 57 (Rule 116) No. E 68959
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	wires, holders, starters & switching ON/OFF of street lights at Specified timing and pole numbering, Preparing ward wise, Street wise data bank, furnishing maintenance reports, every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below poles with 250W-HPSV Street lighting system						
		1780 nos	x 6	101.71	x 1 month =		1511211-00
	4. Operation & Maintenance of Street lighting system including replacement of damaged/failed/fixed out components like lamps, tubes, chokes, ignitors, capacitors, wiring						

Assistant Engineer (E&E)
Bruhath Bangalore Mahanagara Palike

EE (E&E)
DZ

ASST EXECUTIVE ENGINEER (E

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MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. E

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Providing, Fabrication, Erection & Commissioning CNI/MS (Yard No. ..... Type or specified rating of pole mounted transformer with ..... Complete as per ..... drawings, testing, trial run etc., complete in all respects including						
	Less: Earthing of Steel support detailed to earth electrode with						
	Nos. 6.93 M x weight					=	7453.60
5	Operation and maintenance of LED street lighting system including replacement of damaged faulty						
	Less: Providing earthing						
6	Operation & maintenance of LED Street lighting system including supervision of damaged faulty						

ASST. EXECUTIVE ENGINEER (E)
Brunath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Assistant Executive Engineer
Brunath Bangalore Mahanagara Palike

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Switches, wires, holders, starters observing proofing & testing conforming to IP65 standard and switching ON/OFF of street light data, furnishing maintenance reports, everyday etc, complete so as to ensure efficient burning of street lights detailed in tender documents for 40 watt to 65 watt LED street light regulating system.	350 nos	x 4	95.61	x 1 month =		33463.50
7.	Operation & maintenance of LED street lighting system including replacement of damaged / failed / faulty LED drivers, PCB, surge protective device switches, wires, holders, starters observing, testing, proofing testing conforming to IP65 standard and switching ON/OFF of street light as per specified timing and						

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bangalore Mahanagara Palike
Dasarahalli Zone, Bangalore

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

M. A. R. 57 (Rule 116)
Measurement Book

No. E 689592

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Pole numbering, preparing and wise, street wise, street light data book, furnishing maintenance reports, every day etc, compute so as to ensure efficient burning of street lights detailed in tender documents for 90 watt LED street light lighting system.	90 nos	x 4	114.60	x 1 month =	-	10332-00
	(1) Deduction -12% GST &					total	205282.26
	(2) Add 18% GST					-	24633.87
	(3) Add 6% GST previous bill					+	180648.39
	(4) Fine Imposed for 10 months @ May-23					+	32516.71
	(5) 2% Deduction For related Scrap Item					+	10838.90
							224004.10
							18000.00
							24480.00
						Total to be	217523.10

Assistant Engineer (Ele)
Bruhath Bengaluru Mahanagara Palike

ASST EXECUTIVE ENGINEER (Ele)
Bruhath Bengaluru Mahanagara Palike

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) certificate (1) The above said maintenance work has been carried out satisfactorily (2) The amount claimed in this bill has not been claimed in any of the previous bill Assistant Engineer (Ele) Bruhath Bengaluru Mahanagara Palike Dasarahalli Zone, Bengaluru					Grand Total	217723.92

Audited and admitted for Rs. 22,100.4/-

Passed by Cheque for Rs. ~~20000~~ 208798

(Two lakhs Eight thousand Seventhundred ninty Eight Only)

by adjustment Rs. 15206

Accounts Superintendent

Exe. Engineer (Ele)

B.B.M.P. Dasarahalli Division

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